Paper Trade Journal

Index to Feature Articles

Volume 139—Year 1955

Bleaching

	Page	Date
Multistage Bleaching at Very High Density—W. J. Nolan and Bruce Armstrong	23	Jan. 3
Peroxide Bleaching of Southern Pulps—R. L. McEwen and I. C. MacGugan	18	Jan. 10

Board Manufacture

Hardboard Manufacture and Economics—G. H. Goldsborough and K. E. Anderson	40	Dec. 5
How and Why of Beater Additives—George E. Soyka	38	Apr. 18
Improved Water Removal by Rotabelt from West Dudley's Board Machine Bottom Wet Felts	60	May 9
Insulation Board Manufacture and Economics	42	Dec. 19
Latest Development in Board Laminating Machines—R. S. Haven	26	Oct. 24
Molded Corrugated is Here	19	Jan. 24
New Developments in Screening Ahead of Paper and Board Machines	25	May 2
New Hydraulic Helper Drive for Cylinder Machines—Gene Roberts	38	Mar. 28
Postwar Development in Cylinder Machine Design and Operation—R. L. Shrock	26	Dec. 12
Results Strathmore Got With a Felt Preserver	32	Apr. 11
Rome Kraft Co. Newest Giant in the Industry—D. B. Otis	22	Mar. 7
Why and How of Stock Chest Design and Propellor Agitation—A. M. Hurter	27	Oct. 10

Chipping and Chips

Brown Co. Explores Waste Wood Chippers and Bark Removal Methods	110	May 9
How Sawmill Chips are Handled at Ocean Falls—J. M. Heaps	24	May 16
Latest Style Horizontal Chipper Does First-Rate Job at Champion International—T. H. Broderick	70	May 9
Use of Continuous Flow Chip Conveyors—W. G. Hudson	18	May 30

Converting

Construction and Styles of Folding Cartons—J. F. Hagar	42	Nov. 14
Fiber Box Manufacture—P. O. Brockington and A. A. Newburg	22	Nov. 28
Fiber Shipping Container Production Booming Foundation of Quality Carton Printing—J. M. Kernan	28	Sept. 19
Gair's New Container Plant in Atlanta	14	Jun. 6
Gravure Printing of Paper, Wrappers and Labels—D. Moffett	20	Aug. 29
Gravure Printing in the Packaging Field—C. A. Ireton	22	Aug. 29
How Daniels Restores Web Moisture in Flexographic Printing—J. T. LaBlonde	63	May 9
How to Cope with Paper Variations—R. Drake	22	Sept. 5
How Successful Automatic Edge Alignment Was Developed on a Chase Bag Multiwall Tuber—P. Jacobsen and J. D. Cramer	76	May 9
Increase in Costs in a Typical Corrugated Box Plant—Alvin A. Newburg	22	May 23
Latest Developments in Board Laminating Machines—R. S. Haven	26	Oct. 24
Lightweight Corrugated Boxes for Shipping Paper—at S. D. Warren Co.	16	June 13
New Approach to Drying Problems in Converting—O. Hultgreen	41	Apr. 18
New Bird & Son Plant Features World's Largest Roofing Machine	21	Jun. 27
Relationship Between Paper Surfaces and Printability—P. Evanoff	28	Oct. 3
Safety Progress in Fibre Box Manufacture—B. P. Bowen	16	May 30
Sarco Steam Traps Boost Embosser Speed More Than 500%	108	May 9
Ultra Modern Lab Coater Becomes Important Tool in Marathan's Research—W. I. Stinger	90	May 9
Universal Bag Co. Solves Roll Handling Problem	24	Nov. 7

Engineering

Advances in Rubber Hose Permit Handling More Jobs with Fewer Types—J. A. Muller	14	Jan. 17
Bold Design Distinguishes Latest Improvements at Halifax Paper Co.	38	Dec. 19
Engineering Data on Stainless Steel Tubing	26	Sept. 19

Paper Trade Journal

Index to Feature Articles

Volume 139—Year 1955

Bleaching

	Page	Date
Multistage Bleaching at Very High Density—W. J. Nolan and Bruce Armstrong	23	Jan. 3
Peroxide Bleaching of Southern Pulps—R. L. McEwen and I. C. MacGugan	18	Jan. 10

Board Manufacture

Hardboard Manufacture and Economics—G. H. Goldsborough and K. E. Anderson	40	Dec. 5
How and Why of Beater Additives—George E. Soyka	38	Apr. 18
Improved Water Removal by Rotabelt from West Dudley's Board Machine Bottom Wet Felts	60	May 9
Insulation Board Manufacture and Economics	42	Dec. 19
Latest Development in Board Laminating Machines—R. S. Haven	26	Oct. 24
Molded Corrugated is Here	19	Jan. 24
New Developments in Screening Ahead of Paper and Board Machines	25	May 2
New Hydraulic Helper Drive for Cylinder Machines—Gene Roberts	38	Mar. 28
Postwar Development in Cylinder Machine Design and Operation—R. L. Shrock	26	Dec. 12
Results Strathmore Got With a Felt Preserver	32	Apr. 11
Rome Kraft Co. Newest Giant in the Industry—D. B. Otis	22	Mar. 7
Why and How of Stock Chest Design and Propellor Agitation—A. M. Hurter	27	Oct. 10

Chipping and Chips

Brown Co. Explores Waste Wood Chippers and Bark Removal Methods	110	May 9
How Sawmill Chips are Handled at Ocean Falls—J. M. Heaps	24	May 16
Latest Style Horizontal Chipper Does First-Rate Job at Champion International—T. H. Broderick	70	May 9
Use of Continuous Flow Chip Conveyors—W. G. Hudson	18	May 30

Converting

Construction and Styles of Folding Cartons—J. F. Hagar	42	Nov. 14
Fiber Box Manufacture—P. O. Brockington and A. A. Newburg	22	Nov. 28
Fiber Shipping Container Production Booming Foundation of Quality Carton Printing—J. M. Kernan	28	Sept. 19
Gair's New Container Plant in Atlanta	14	Jun. 6
Gravure Printing of Paper, Wrappers and Labels—D. Moffett	20	Aug. 29
Gravure Printing in the Packaging Field—C. A. Ireton	22	Aug. 29
How Daniels Restores Web Moisture in Flexographic Printing—J. T. LaBlonde	63	May 9
How to Cope with Paper Variations—R. Drake	22	Sept. 5
How Successful Automatic Edge Alignment Was Developed on a Chase Bag Multiwall Tuber—P. Jacobsen and J. D. Cramer	76	May 9
Increase in Costs in a Typical Corrugated Box Plant—Alvin A. Newburg	22	May 23
Latest Developments in Board Laminating Machines—R. S. Haven	26	Oct. 24
Lightweight Corrugated Boxes for Shipping Paper—at S. D. Warren Co.	16	June 13
New Approach to Drying Problems in Converting—O. Hultgreen	41	Apr. 18
New Bird & Son Plant Features World's Largest Roofing Machine	21	Jun. 27
Relationship Between Paper Surfaces and Printability—P. Evanoff	28	Oct. 3
Safety Progress in Fibre Box Manufacture—B. P. Bowen	16	May 30
Sarco Steam Traps Boost Embosser Speed More Than 500%	108	May 9
Ultra Modern Lab Coater Becomes Important Tool in Marathan's Research—W. I. Stinger	90	May 9
Universal Bag Co. Solves Roll Handling Problem	24	Nov. 7

Engineering

Advances in Rubber Hose Permit Handling More Jobs with Fewer Types—J. A. Muller	14	Jan. 17
Bold Design Distinguishes Latest Improvements at Halifax Paper Co.	38	Dec. 19
Engineering Data on Stainless Steel Tubing	26	Sept. 19

	Page	Date
Gas Turbines in Southeastern Pulp and Paper Mills—F. Wierck and Wm. L. Garlington	21	May 30
Great Northern Expansion Pioneers New Process—John C. W. Evans	18	Nov. 21
How to Select Material Handling System Drives—W. G. Hudson	22	Sept. 19
How D. M. Bare Engineered the Reconstruction of its Paper Mill—John J. Rouman and H. S. Vandernei	22	Apr. 4
How New Bin Unloaders Work—J. T.Flythe	20	Oct. 31
How to Select and Design Industrial Rolls—D. A. Kuniholm and V. J. Liberty	21	Oct. 24
How Brunswick Developed Automatic Digester Capping—D. B. Otis	34	Dec. 5
How Torque Converters Can be Used in Material Handling System —P. L. Fosburg	28	Apr. 25
How to Select Boiler Feed Pumps—T. F. Keating	22	Jul. 25
How Pumps with Packing Box Handle Black Liquor	38	Sept. 12
Material Handling Storage with Bins, Bunkers and Silos—W. G. Hudson	26	Nov. 28
Modern Pulp Screening Equipment and Systems—Karl Lindgren	30	Mar. 28
New Air Grip Clutches Smooth the Drying Machine	104	May 9
New Hydraulic Helper Drive for Cylinder Machines—Gene Roberts	38	Mar. 28
Nomograph for Sizing Sulphur Spray Type Burners	29	Aug. 15
Planning a Semi-Chemical Plant—Wm. A. J. Mitchell	18	Apr. 4
Post War Development in Cylinder Machine Design and Operation—R. L. Schrock	26	Dec. 12
Powell River Co. Suction Roll Silencer—C. E. Walker	34	Aug. 22
Prairie State Builds Half Size Pulp Mill—D. B. Otis	20	Mar. 28
Results of Canadian Paper Mill Noise Abatement Projects	32	May 16
Suction Roll Silencing in Principle and Practice—G. J. Thiessen	28	Aug. 22
Some Fundamentals of Magnetic Amplifier Control Systems—C. D. Beck		
Part I—How the Magnetic Amplifier Works and How it is Used	30	July 11
Part II—Important Fundamental Characteristics	23	July 18
What it means to Build a Newsprint Mill in India—A. P. Schnyder and C. A. Harwick	24	July 11
Where Does the Pneumatic Conveyor Fit In?—Wilbur G. Hudson	16	Aug. 1
Why and How of Stock Chest Design and Propellor Agitation—A. M. Hurter	27	Oct. 10

Finishing

	Page	Date
First Report of Automatic Roll Wrapping as Pioneered at Anglo-Newfoundland	65	May 9
How Paper Rolls are Handled Automatically at Camp—W. C. Coker	18	Aug. 8
How to Reduce Handling Costs in Finishing and Shipping—D. D. Hall	18	Feb. 14
Improved Winding of Pulp Rolls at Brown Co.	98	May 9
Lightweight Corrugated Boxes for Shipping Paper at S. D. Warren Co.	16	July 13
Valdosta Men Develop Up-enders to Handle Big Rolls	88	May 9
What Crossett Learned about Grooved Table Rolls on a Light Weight Machine—A. W. Duskin and A. C. Coughan	48	Dec. 19

Groundwood

	Page	Date
Chemi-Groundwood Hardwood Pulping Process—A. E. Dentremont	32	Feb. 21
Great Northern Expansion Pioneers New Process—John C. W. Evans	18	Feb. 21
Hydrofoil Screen . . . Uses New Principle in Pulp Screening—A. G. Sandison	14	Oct. 3
Modernizing the Smaller Groundwood Mill—R. O'Donoghue	22	Jan. 10
New and Revolutionary Method for Production of Mechanical Pulp L. Eberhardt	26	Sept. 12
New Developments in Groundwood Pulp Screening—K. Lindgren	33	Apr. 18

Kraft Pulping

	Page	Date
Better Control of Cooking with the Automatic Digester Sampler—J. A. McPherson	74	May 9
Bold Design Distinguishes Latest Improvements at Holyoke Paper Co.	38	Dec. 19
Economics of Waste Liquor Recovery and Burning in Kraft and Sulphite Mills—Gustaf Edling	28	May 23
Filtration of Kraft Cooking Liquor With the Roberts Pressure Filter—H. E. Metler	96	May 9
How Brunswick Developed Automatic Digester Capping—D. B. Otis	34	Dec. 5
How Balancing and Improving a Recovery System Reduced Stream Pollution Load—David Wetherhorn	22	May 16
How Dissolving Pulps are Made to Conform to Specifications—Forestier Walker	22	Apr. 25
How Natural Purification Facilities Were Developed for a Kraft Mill—W. T. Webster	25	May 23
How Pumps Without Packing Box Handle Black Liquor	38	Sept. 12
How Weyerhaeuser Controls Kraft Odor With the Vaposphere	12	Jan. 3
Rome Kraft Co. Newest Grant in the Industry—D. B. Otis	22	Mar. 7
Silicone Cuts Foam in Kraft Washing—W. B. Simmons	32	Nov. 7
What the Engineers Saw at East Texas Pulp and Paper Co.	40	Nov. 21
What Port Alberni Have Done to Control Kraft Mill Odors—R. H. Wright and R. W. Klinck	22	Oct. 10
How Brunswick Developed Automatic Digester Capping—D. B. Otis	34	Dec. 5

Hardwood Utilization

	Page	Date
Chemi-groundwood Pulping Process—A. E. Dentremont	32	Feb. 21
Prairie State Builds Half Size Pulp Mill—D. B. Otis	20	Mar. 28

	Page	Date
Instrumentation		
Actuators are Important to Mill Control—Chester S. Beard		
Part I—Remote Control Is Dependent on a Responsive Actuator	16	Jun. 6
Part II—Selection of Actuator is Based Upon Load, Service and Position Upon Power Loss	18	Jun. 13
Sutherland Develops New Curl Tester	58	May 9
Maintenance		
How Gaylord Obtains Continuous Records of Couch Roll Torque	18	Aug. 29
How Maintenance Skill Straightened a Bent Chipper Shaft at Union Bag and Paper Corp.	82	May 9
How Vibration Analyzer Aids Maintenance at Filer City—Warren Stege	56	May 9
How Welding is Widely Used in Mill Maintenance at Hammermill—Robert Haas	32	Mar. 21
Lawrence Paper Co. Chops Maintenance Costs With a Magnetic Slurry Drum—Dean Cain	102	May 9
Practical Methods for Attaining Proper V-Belt Tension—F. H. Rumble	18	Oct. 31
Quick Easy Way To Determine Battery Capacity—K. A. Vaughan	26	July 4
Stock Pump Failures—Eugene D. Schwandt	14	Jan. 3
What Magnetic Separators are Accomplishing at Chesapeake Paperboard Co.—C. D. Coffman	80	May 9
Materials Handling		
Growing Trend to Pallet Loading of Southern Pulpwood	24	Mar. 21
Hammermill's New Technique of Pulpwood Transport in Gondola Cars	28	Mar. 14
How Aetna Cuts Waste Paper Bale Handling Time	39	Dec. 5
How Fork Trucks are Used at T & H	25	Jun. 27
How Paper Rolls Are Handled Automatically at Camp	18	Aug. 8
How to Reduce Handling Costs in Finishing and Shipping—D. D. Hall	18	Feb. 14
How Sawmill Chips are Handled at Ocean Falls—J. M. Heaps	24	May 16
How to Select Material Handling System Drives—W. G. Hudson	22	Sept. 19
How Torque Converters Can Be Used in Material Handling Systems—P. L. Fosburg	28	Apr. 25
How Union Bag Cut Number of Battery Sizes in Half—Lee Carriker	18	Jan. 10
Know Your Charging Equipment for Long Battery Life—K. A. Vaughan	21	Dec. 26
Material Handling Storage with Bins, Bunkers and Silos	26	Nov. 28
Modern Trends in Materials Handling—A. M. Hurter	18	Jul. 18
Quick Easy Way to Determine Battery Capacity—K. A. Vaughan	26	Jul. 4
Reducing the Commonest Handling Costs in Production—D. D. Hall	14	Jan. 24
Universal Bag Co. Solves Roll Handling Problem	24	Nov. 7
Use of Continuous Flow Chip Conveyors—W. G. Hudson	18	May 30
Where Does the Pneumatic Conveyor Fit In?—W. G. Hudson	16	Aug. 1
Why Brown Co. Uses Leased Pulpwood Trucks—E. M. Smith	16	Aug. 8
Mills		
Chemi-Groundwood Hardwood Pulping Process—A. E. Dentremont	32	Feb. 21
Chemical Paper Mfg. Co. Completes $1 Million Expansion	30	Apr. 11
Great Northern Expansion Pioneers New Process—John C. W. Evans	18	Feb. 21
How D. M. Bare Engineered the Reconstruction of its Paper Mill—John J. Rouman and H. S. Vanderhei	22	Apr. 4
Prairie State Builds Half-Size Pulp Mill—D. B. Otis	20	Mar. 28
Rome Kraft Co. Newest Giant in the Industry	22	Mar. 7
What the Engineers Saw at East Texas Pulp & Paper Co.	40	Nov. 21
What Post War Modernization Means to Oxford Paper Co.	22	Aug. 15
Globe Through the Camera's Eye	36	Dec. 5
Miscellaneous		
Artificial Rainmaking—W. E. Howell	24	Jul. 4
Experiences in Washington—R. C. Flom	72	Feb. 28
Improved Glass Fiber Papers	26	Jun. 13
Progress Report on Producing Rain by Cloud Seeding—H. D. Chope	23	Jul. 4
Want to Read Faster? Here is How—N. B. Smith		
Chapters I and II	40	Dec. 12
Chapter III	21	Dec. 26
Russian Paper Industry Retreats While it Advances—A. J. Steiger	24	Sept. 5
What's Doing With the Russian Industry	28	Feb. 14
Miscellaneous Pulping Processes		
Can Nitric Acid Pulping Succeed Commercially?	22	Jun. 13
Continuous Pulping of Agricultural Residues—J. E. Atchison	30	Aug. 15
Papermaking		
Coating on the Size Press—L. J. Wood	37	Aug. 22
Great Northern Expansion Pioneers New Process—J. C. W. Evans	18	Feb. 21
How and Why of Beater Additives—George E. Soyka	38	Apr. 18
How Suction Couch Noise is Eliminated On a High Speed Newsprint Machine—P. E. Wrist	14	Aug. 29
How D. M. Bare Engineered the Reconstruction of its Paper Mill—John J. Rouman and H. S. Vanderhei	22	Apr. 14
How Wet Strength Broke is Being Reclaimed By a Number of Mills—J. C. Barthel	18	Mar. 21
How Beta Ray Stuff Gate Operation Controls Basis Weight at Riegel Paper Corp. Milford Mill	84	May 9
How Gaylord Obtains Continuous Records of Couch Roll Torque	18	Aug. 24
Improved Glass Fiber Papers	26	Jun. 13
Importance of Optical Bleaching Agents—L. Wimmer	26	Jun. 27

	Page	Date
Powell River Co. Suction Roll Silencer—C. E. Walker	34	Aug. 22
New Developments in Screening Ahead of Paper and Board Machines—Karl Lindgren	25	May 2
New Developments in the Loading of Paper—H. C. Schwalbe	32	Mar. 14
Results of Canadian Paper Mill Noise Abatement Projects	32	May 16
Results Strathmore Got With a Felt Preserver	32	Apr. 11
Suction Roll Silencing in Principle and Practice—G. J. Thiessen	28	Aug. 22
Unique Features of Knowlton Bros. Experimental Fourdrinier	28	Mar. 21
Why and How of Stock Chest Design and Propellor Agitation—A. M. Hurter	27	Oct. 10
World's Largest Yankee Tissue Machine	30	Nov. 21

Personnel

A.P.P.A. Accident Prevention Moves Steadily Forward—D. M. Hunter	38	Nov. 14
A Sample of Employee Attitude in the Pulp and Paper Industry—A Summary of the Bolton Award Papers	32	Mar. 7
Fifty-Four Years of Union Progress—M. J. Burns	39	Nov. 7
First T.V. Broadcast of Labor Negotiations	18	Mar. 7
Humanics of Quality Control—B. E. Sooy	18	Sept. 5
Labor—1955: A First Half Year Summary of Developments in our Industry—D. M. Hunter	27	Jul. 25
Preventing Slips and Falls—A. E. Minor	18	Jan. 3
Results of Canadian Paper Mill Noise Abatement Projects	32	May 16
Safety Progress in Fibre Box Manufacture—B. P. Bowen	16	May 30
Study of the Training Program of Oxford Paper Co.—T. F. Spear	34	Oct. 24

Production Analyses

A Summing-Up and a Look Ahead—John C. W. Evans	70	Jan. 31
Another Year of Record Production—M. C. Dobrow	94	Feb. 28
A Stock Taking for 1955—R. M. Fowler	18	Feb. 7
Change is Taking Place in Newsprint—L. T. Stevenson	33	Jul. 25
Economic Review of Pulp, Paper and Board Industry—First Nine Months of 1954—W. LeRoy Neubrech	20	Jan. 3
How We are Doing—Industry Trends—W. H. Pederson	34	Sept. 12
How We are Doing—Industry Economic Review—W. LeRoy Neubrech	32	Sept. 12
Outlook for Newsprint—Paul S. Deacon	32	Jul. 25
Review and Forecast of Some of Our Larger Companies	78	Jan. 31
Review and Forecast—Statements on 1954 and Forecast for 1955 by Leaders of Various Segments of the Industry	41	Jan. 31
The Paper Merchant and the Future—William Mazer	28	May 2
Where Does Your Grade Stand?—John C. W. Evans	34	Nov. 14

Pulp & Stock Cleaning

How to Screen Waste Paper Stock—Karl Lindgren	33	Apr. 25
Hydrofoil Scr[illegible]n . . . Uses New Principle in Pulp Screening—A. G. Sandison	14	Oct. 3
Modern Pulp Screening Equipment and Systems—Karl Lindgren	30	Mar. 28
New Developments in Screening Ahead of Paper and Board Machines—Karl Lindgren	25	May 2
New Developments in Groundwood Pulp Screening—Karl Lindgren	32	Apr. 18
Screening Bleached and Unbleached Chemical Pulps—Karl Lindgren	22	Apr. 11
Lawrence Paper Co. Chops Maintenance Costs With a Magnetic Slurry Drum—Dean Cain	102	May 9
What Magnetic Separators are Accomplishing at Chesapeake Paperboard Co.—C. D. Coffman	80	May 9

Semi-Chemical

Development and Use of the Pressafiner at Green Bay—William Nelson	24	Mar. 14
How N.S.S.C. Pulp is Made for Book Papers at Watervliet—L. J. Schied	28	Nov. 7
Latest Developments in Zimmerman Recovery Process Nomograph for Sizing Sulphur Spray Type Burners	29	Aug. 15
Planning a Semi-Chemical Plant—Wm. A. J. Mitchell	18	Apr. 4
Prairie State Builds Half-Size Pulp Mill—D. B. Otis	20	Mar. 28
Summary of Research on Neutral Sulphite Semi-Chemical Wastes—H. T. Berger	20	May 2

Stock Preparation

A New Type of Pulper	28	Jun. 27
How a Study of Basic Principles Led to the Development of the Hi-Lo Pulper—D. E. Jones	24	Aug. 1
How Wet Strength Broke is Being Reclaimed By a Number of Mills—J. C. Barthel	18	Mar. 21
Importance of Optical Bleaching Agents—L. Wimmer	26	Jun. 27
New Stock System at New York and Penn	64	Sept. 26
Unique New Double Disk Pressurized Refiner—Dwight E. Jones	18	May 23

Stream Pollution

How Aetna Cuts Waste Paper Bale Handling Time	39	Dec. 5
How Balancing and Improving a Recovery System Reduced Stream Pollution Load—David Wetherhorn	22	May 16
How Natural Purification Facilities Were Developed for a Kraft Mill—W. T. Webster	25	May 23
Summary of Research on Neutral Sulphite Semi-Chemical Wastes—H. F. Berger	20	May 2

	Page	Date
Sulphite		
Better Control of Cooking With the Automatic Digester Sampler	74	May 9
Economics of Waste Liquor Recovery and Burning in Kraft and Sulphite Mills—Gustaf Edling	28	May 23
Hardening of Resins During Pulpwood Storage—E. K. Thommen	17	Nov. 28
Heat Consumption in Manufacturing Sulphite Pulp—S. O. Hultin	28	Apr. 18
How Dissolving Pulps for Viscose are Made to Conform to Specifications—Forestier Walker	22	Apr. 25
Latest Developments in Zimmerman Recovery Process	32	Nov. 14
New Process for Successful Production of Sulphite Pulp from Pine—R. Soderquist	30	Oct. 17
Nomograph for Sizing Sulphur Spray Type Burners	29	Aug. 15
Survey of Recent Publications on Pitch—E. K. Thommen	18	Nov. 28
Waste Paper		
How to Screen Waste Paper Stock—Karl Lindgren	33	Apr. 25
How Aetna Cuts Waste Paper Bale Handling Time	39	Dec. 5
Wood Handling		
Brown Co. Explores Waste Wood Chippers and Bark Removal Methods	110	May 9
Growing Trend to Pallet Loading of Southern Pulpwood—C. E. Wright	24	Mar. 21
Hammermill's New Technique of Pulpwood Transport in Gondola Cars	28	Mar. 14
How Truck Wood is Measured at CIP's Hawkesbury Mill—W. H. Martin	16	May 2
Photogrammetric Volume Determinations of Large Pulpwood Piles at the Mill—Harold E. Young	25	Jun. 13
Something New in Pulp Log Towing	27	Apr. 11
Under Water Log Storage at Bowaters and Crossett	36	Nov. 21
Why Brown Co. Uses Leased Pulpwood Trucks	16	Aug. 8
U. S. Exports		
Foreign Markets for U. S. Paper Products Reach New High—D. S. Leslie	66	Feb. 28
Interesting and Exciting Era for Those in the International Market—N. C. Nelson	68	Feb. 28
Our Stake in World Trade—J. D. Zellerbach	58	Feb. 28
Outlook for U. S. Pulp in World Market—D. M. Hunter	38	Oct. 17
The Future of Exports in the United States Paper Industry	16	Jul. 4

Author Index to Feature Articles

A

Armstrong, Bruce—Multistage Bleaching at Very High Density—23, Jan. 3

Atchison, J. E.—Continuous Pulping of Agricultural Residues—30, Aug 15

Anderson, K. E.—Hardboard Manufacture and Economics—40, Dec. 5

B

Barthel, J. C.—How Wet Strength Broke is Being Reclaimed By a Number of Mills—18, Mar. 21

Beard, Chester S.—Actuators are Important to Mill Control—Part I—Remote Control is Dependent on A Responsive Actuator—16, Jun. 6. Part II—Selection of Actuator is Based Upon Load, Service and Position Upon Power Loss—18, Jun. 13

Beck, C. D.—Some Fundamentals of Magnetic Amplifier Control Sytsems. Part I—How the Magnetic Amplifier Works and How it is Used—30, July 11. Part II—Important Fundamental Characteristics—23, July 18

Berger, H. T.—Neutral Sulphite Semi-Chemical Wastes—20, May 2

Bowen, B. P.—Safety Progress in Fibre Box Manufacture—16, May 30

Brockington, P. O.—Fiber Box Manufacture—22, Nov. 28

Broderick, T. H.—Latest Style Horizontal Chipper Does First-Rate Job at Champion International—70, May 9

Burns, M. J.—Fifty Four Years of Union Progress—39, Nov. 7

C

Cadigon, A. M.—Oliver-Ahlfors Screens for Cleaning Bleached Kraft Pulp—16, Jun. 27

Cain, Dean—Lawrence Paper Co. Chops Maintenance Costs With a Magnetic Slurry Drum—102, May 9

Carriker, Lee—How Union Bag Cut Number of Battery Sizes in Half—18, Jan. 10

Coffman, C. D.—What Magnetic Separators Are Accomplishing at Chesapeake Paperboard Co.—80, May 9

Coker, W. C.—How Paper Rolls are Handled Automatically at Camp—18, Aug. 8

Cramer, J. D.—How Successful Automatic Edge Alignment Was Developed on a Chase Bag Multiwall Tuber—76, May 9

D

Deacon, Paul S.—Outlook for Newsprint—32, July 25

Dentremont, A. E.—Chemi-Groundwood Hardwood Pulping Process—32, Feb. 21
Dobrow, M. C.—Another Year of Record Production—94, Feb. 28
Drake, R.—How to Cope with Paper Variations—22, Sept. 5
Duskin, A. W.—What Crossett Learned about Grooved Table Rolls on a Light Weight Machine—48, Dec. 19

E

Eberhardt, L.—New and Revolutionary Method for Production of Mechanical Pulp—26, Sept. 12
Edling, Gustaf—Economics of Waste Liquor Recovery and Burning in Kraft and Sulphite Mills—28, May 23
Evanoff, P.—Relationship Between Paper Surfaces and Printability—28, Oct. 3
Evans, John C. W.—A Summing-Up and a Look Ahead—70, Jan. 31. Great Northern Exapnsion Pioneers New Process—18, Feb. 21. Where Does Your Grade Stand?—34, Nov. 14

F

Flom, R. C.—Experiences in Washington—72, Feb. 28
Flythe, J. T.—How New Bin Unloaders Work—20, Oct. 31
Fosburg, P. L.—How Torque Converters Can Be Used in Material Handling Systems—28, Apr. 25
Fowler, R. M.—A Stock Taking for 1955—18, Feb. 7

G

Garlington, Wm. L.—Gas Turbines in Southeastern Pulp and Paper Mills—21, May 30
Goldsborough, G. H.—Hardboard Manufacture and Economics—40, Dec. 5

H

Haas, Robert—How Welding is Widely Used in Mill Maintenance at Hammermill—32, Mar. 21
Hagar, J. F.—Construction and Styles of Folding Cartons—42, Nov. 14
Hall, D. D.—How to Reduce Handling Costs in Finishing and Shipping—18, Feb. 14
Reducing the Commonest Handling Costs in Production—14, Jan. 24
Harwick, C. A.—What It Means to Build a Newsprint Mill in India—24, Jul. 11
Haven, R. S.—Latest Developments in Board Laminating Machines—26, Oct. 24
Heaps, J. M.—How Sawmill Chips Are Handled at Ocean Falls—24, May 16
Howell, W. E.—Artificial Rainmaking—24, Jul. 4
Hudson, W. G.—How to Select Material Handling System Drives—22, Sept. 19
Material Handling Storage with Bins, Bunkers and Silos—26, Nov. 28
Use of Continuous Flow Chip Conveyors—18, May 30
Where Does the Pneumatic Conveyor Fit In?—16, Aug. 1
Hultgreen, O.—New Approach to Drying Problems in Converting—41, Apr. 18
Hultin, S. O.—Heat Consumption in Manufacturing Sulphite Pulp—28, Apr. 18
Hunter, D. M.—A.P.P.A. Accident Prevention Moves Steadily Forward—38, Nov. 14
Labor--1955: A First Half Year Summary of Developments in our Industry—27, Jul. 25
Outlook for U. S. Pulp in World Markets—38, Oct. 17
Hurter, A. M.—Modern Trends in Materials Handling—18, Jul. 18
Why and How of Stock Chest Design and Propellor Agitation—27, Oct. 10

I

Ireton, C. A.—Gravure Printing in the Packaging Field—22, Aug. 29

J

Jacobsen, P.—How Successful Automatic Edge Alignment Was Developed on a Chase Bag Multiwall Tuber—76, May 9
Jones, D. E.—How a Study of Basic Principles Led to the Development of the Hi-Lo Pulper—24, Aug. 1
Unique New Double Disk Pressurized Refiner—18, May 23

K

Keating, T. F.—How to Select Boiler Feed Pumps—22, Jul. 25
Kernan, J. M.—Foundation of Quality Carton Printing—28, Sept. 19
Klinck, R. W.—What Port Alberni Have Done to Control Kraft Mill Odors—22, Oct. 10
Kuniholm, D. A.—How to Select and Design Industrial Rolls—21, Oct. 24

L

LaBlonde, J. T.—How Daniels Restores Web Moisture in Flexographic Printing—63, May 9
Leslie, D. S.—Foreign Markets for U. S. Paper Products Reach New High—66, Feb. 28
Liberty, V. J.—How to Select and Design Industrial Rolls—21, Oct. 24
Lindgren, Karl—How to Screen Waste Paper Stock—33, Apr. 25
Modern Pulp Screening Equipment and Systems—30, Mar. 28
New Development in Screening Ahead of Paper and Board Machines—25, May 2
New Development in Groundwood Pulp Screening—32, Apr. 18
Screening Bleached and Unbleached Chemical Pulps—22, Apr. 11

M

MacGugan, I. C.—Peroxide Bleaching of Southern Pulps—18, Jan. 10
Martin, W. H.—How Truck Wood Is Measured at CIP's Hawkesbury Mill—16, May 2
Mazer, William—The Paper Merchant and the Future—28, May 2
McCaughan, A. C.—What Crossett Learned About Grooved Table Rolls on a Light Weight Machine—48, Dec. 19
McEwen, R. L.—Peroxide Bleaching of Southern Pulps—18, Jan. 10
McPherson, J. A.—Better Control of Cooking with the Automatic Digester Sample—74, May 9
Metler, H. E.—Filtration of Kraft Cooking Liquor with the Roberts Pressure Filter—96, May 9
Minor, A. E.—Preventing Slips and Falls—18, Jan. 3
Mitchell, Wm. A. J.—Planning a Semi-Chemical Plant—18, Apr. 4

N

Nelson, N. C.—Interesting and Exciting Era for those in the International Market—68, Feb. 28
Nelson, William—Development and Use of the Pressafiner at Green Bay—24, Mar. 14
Neubrech, W. LeRoy—Economic Review of Pulp, Paper and Board Industry—First Nine Months of 1954—20, Jan. 3
How We Are Doing—Industry Economic Review—32, Sept. 12
Newburg, A. A.—Fiber Box Manufacture—22, Nov. 28

Increase in Costs in a Typical Corrugated Box Plant—22, May 23
Nolan, W. J.—Multistage Bleaching at High Density—23, Jan. 3

O

O'Donoghue, R. O.—Modernizing the Smaller Groundwood Mill—22, Jan. 14
Otis, D. B.—Prairie State Builds Half-Size Pulp Mill—20, Mar. 28
How Brunswick Developed Automatic Digester Capping—34, Dec. 5
Rome Kraft Co. Newest Giant in the Industry—22, Mar. 7

P

Pederson, W. H.—How We Are Doing—Industry Trends—34, Sept. 12
Schnyder, A. P.—What It Means to Build a Newsprint Mill in India—24, Jul. 11

R

Roberts, Gene—New Hydraulic Helper Drive for Cylinder Machines—38, Mar. 28
Rouman, John J.—How D. M. Bare Engineered the Reconstruction of Its Paper Mill—22, Apr. 4
Rumble, F. H.—Practical Methods for Attaining Proper V-Belt Tension—18, Oct. 31

S

Sandison, A. G.—Hydrofoil Screen—Uses New Principle in Pulp Screening—14, Oct. 3
Schied, L. J.—How N.S.S.C. Pulp Is Made for Book Papers at Watervliet—28, Nov 7
Schrock, R. L.—Post War Developments in Cylinder Machine Design and Operation—26, Dec. 12
Schwalbe, H. C.—New Developments in the Loading of Paper—32, Mar. 14
Schwandt, Eugene D.—Stock Pump Failures—14, Jan. 3
Shope, H. D.—Progress Report on Producing Rain by Cloud Seeding—23, Jul. 4
Simmons, W. B.—Silicone Cuts Foam in Kraft Washing—32, Nov. 7
Smith, E. M.—Why Brown Co. Uses Leased Pulpwood Trucks—16, Aug. 8
Smith, N. B.—Want to Read Faster? Here Is How—Chapters I and II—40, Dec. 12. Chapter III—21, Dec. 26
Soderquist, R.—New Process for Successful Production of Sulphite Pulp from Pine—30, Oct. 17
Sooy, B. E.—Humanics of Quality Control—18, Sept. 5
Soyka, George E.—How and Why of Beater Additives—38 Apr. 18
Spear, T. F.—Study of the Training Program of Oxford Paper Co.—34, Oct. 24
Stege, Warren—How Vibration Analyzer Aids Maintenance at Filer City—56, May 9
Steiger, A. J.—Russian Paper Industry Retreats While It Advances—24, Sept. 5
Stevenson, L. T.—Change Is Taking Place in Newsprint—33, Jul. 25
Stinger, W. I.—Ultra Modern Lab Coater Becomes Important Tool in Marathon Research—90, May 9

T

Thiessen, C. J.—Suction Roll Silencing in Principle and Practice—28, Aug. 22
Thommen, E. K.—Hardening of Resins during Pulpwood Storage—17, Nov. 28
Survey of Recent Publications on Pitch—18, Nov. 28

V

Vanderhei, H. S.—How D. M. Engineered the Reconstruction of Its Paper Mill—22, Apr. 4
Vaughan, K. A.—Quick Easy Way to Determine Battery Capacity—26, Jul. 4
Know Your Changing Equipment for Long Battery Life—21, Dec. 26

W

Walker, C. E.—Powell River Co. Suction Roll Silencer—34, Aug. 22
Walker, Forestier—How Dissolving Pulps Are Made to Conform to Specifications—22, Apr. 25
Webster, W. T.—How Natural Purification Facilities Were Developed for a Kraft Mill—25, May 23
Wetherhorn, David—How Balancing and Improving a Recovery System Reduced Stream Pollution Load—22, May 16
Wierck—Gas Turbines in Southeastern Pulp and Paper Mills—21, May 30
Wimmer, L.—Importance of Optical Bleaching Agents—26, Jun. 27
Wood, L. J.—Coating on the Size Press—37, Aug. 22
Wright, C. E.—Growing Trend to Pallet Loading of Southern Pulpwood—24, Mar. 21
Wright, R. H.—What Port Alberni Have Done to Control Kraft Mill Odors—22, Oct. 10
Wrist, P. E.—How Suction Couch Noise Is Eliminated on a High Speed Newsprint Machine—14, Aug. 29

Y

Young, Harold E.—Photogrammetric Volume Determinations of Large Pulpwood Piles at the Mill—25, Jun. 13

Z

Zellerbach, J. D.—Our Stake in World Trade—58, Feb. 28

How Many Articles Did You Miss?